

L Number	Hits	Search Text	DB	Time stamp
16	1	5054393.pn.	USPAT;	2003/12/18
17	314	101/dig.38.ccls.	US-PGPUB	11:26
18	13	101/dig.38.ccls. and proportion\$2	USPAT;	2003/12/18
22	5	("2242214" "3815498" "3983812" "4170176" "4295423").PN.	US-PGPUB	12:25
56	11	("0687659" "0715902" "1022563" "2040331" "3110253" "4040682" "4397236" "4428290" "4509426" "4672894" "4833987").PN.	USPAT;	2003/12/18
59	171	492/15.ccls.	US-PGPUB	12:43
61	46	(101/dig.38.ccls. or 101/350.3.ccls. or 101/352.06.ccls. or 101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and @pd>=20030305	USPAT	2003/12/18
-	1	101/\$.ccls. and (axial with oscillat\$3 with frequency with ratio)	USPAT	12:56
-	1	4040347.pn.	USPAT	2003/12/18
-	1	4242958.pn.	USPAT	13:16
-	1	4397236.pn.	USPAT	2003/12/18
-	1	DE-2621429-\$.did.	USPAT	14:14
-	1	DE-2648098-\$.did.	US-PGPUB	2003/12/18
-	1	DE-3034644-\$.did.	US-PGPUB	14:18
-	1	DE-29812966-\$.did.	USPAT;	2003/03/06
-	1	(101/350.3 or 101/352.06) and ((oscillate or vibrate) with ratio)	US-PGPUB	10:27
-	25	(101/350.3.ccls. or 101/352.06.ccls.) and ratio	USPAT;	2003/03/06
-	149	101/350.3.ccls. or 101/352.06.ccls.	US-PGPUB	10:28
-	12	(101/350.3.ccls. or 101/352.06.ccls.) and ratio	USPAT;	2003/03/06
-	20	101/365.ccls. and oscillat\$3	US-PGPUB	10:28
-	51	101/365.ccls. and oscillat\$3	USPAT;	2003/03/06
-	8	(101/350.3.ccls. or 101/352.06.ccls.) and (oscillat\$3 with frequency)	US-PGPUB	10:28
-	0	5823109.URPN.	USPAT;	2003/03/06
-	4	("3467008" "4397236" "5265527" "5345865").PN.	EPO; JPO;	2003/03/06
-	22	("0400221" "1294961" "2033950" "2645997" "3062138" "3283741" "3343484" "3625148" "3916791" "3983812" "4157682" "4231292" "4233898" "4397236" "4493257" "4546701" "4577556" "4620481" "4672894" "4718344" "4739703" "4777877").PN.	DERWENT	10:29
-	6	((("0400221" "1294961" "2033950" "2645997" "3062138" "3283741" "3343484" "3625148" "3916791" "3983812" "4157682" "4231292" "4233898" "4397236" "4493257" "4546701" "4577556" "4620481" "4672894" "4718344" "4739703" "4777877").PN.) and frequency	EPO; JPO;	2003/03/06
			DERWENT	10:29
			EPO; JPO;	2003/03/06
			DERWENT	10:29
			EPO; JPO;	2003/03/06
			DERWENT	10:29
			EPO; JPO;	2003/03/06
			DERWENT	10:29
			USPAT;	2003/03/06
			US-PGPUB	10:43
			USPAT;	2003/03/06
			US-PGPUB	10:52
			USOCR	2003/03/06
			USOCR	10:52
			USOCR	2003/03/06
			USOCR	10:52
			USOCR	2003/03/06
			USOCR	11:05
			USPAT;	2003/03/06
			US-PGPUB	11:16
			USPAT;	2003/03/06
			US-PGPUB	11:17
			USPAT	2003/03/06
			USPAT	11:45
			USPAT	2003/08/13
			USPAT	14:32
			USPAT	2003/03/06
			USPAT	11:50
			USPAT;	2003/03/06
			US-PGPUB	12:30

-	14	("040022" "129496" "2033950" "2645997" "3062138" "3283741" "3343484" "3916791" "3983812" "4157682" "4231292" "4233898" "4493257" "4546701").PN.	USPAT	2003/03/06 12:24
-	10	101/\$.ccls. and ({distribut\$3 adj (roller or roll! or cyliner)) with frequency)	USPAT; US-PGPUB	2003/03/06 12:31
-	17	(101/350.3.ccls. or 101/352.06.ccls.) and frequency	USPAT	2003/03/06 13:06
-	5	("2242214" "3815498" "3983812" "4170176" "4295423").PN.	USPAT	2003/03/06 13:11
-	10	4887533.URPN.	USPAT	2003/03/06 13:16
-	17	101/dig.38.ccls. and frequency	USPAT; US-PGPUB	2003/03/06 13:27
-	19	101/\$.ccls. and (frequency with (differ or different) with (oscillat\$3 or vibrat\$3))	USPAT; US-PGPUB	2003/03/06 13:38
-	4	4869167.URPN.	USPAT	2003/03/06 14:14
-	4	2520688.URPN.	USPAT	2003/03/06 14:24
-	239	101/dig.38.ccls.	USOCR	2003/12/18 14:16
-	56	101/dig.38.ccls. and (adjust\$3 or vary or variable)	USOCR	2003/03/06 14:28
-	5	101/\$.ccls. and (oscillate with slow\$2)	USOCR	2003/03/07 13:30
-	5	101/\$.ccls. and (oscillate with fast\$2)	USPAT; US-PGPUB	2003/03/07 13:33
-	0	101/\$.ccls. and (vibrate with fast\$2)	USPAT; US-PGPUB	2003/03/07 13:39
-	43	101/\$.ccls. and (oscillate with (rate or frequency))	USPAT; US-PGPUB	2003/03/07 14:32
-	10	5062362.URPN.	USPAT	2003/03/07 13:43
-	20	101/\$.ccls. and (vibrate with (rate or frequency))	USPAT; US-PGPUB	2003/03/07 14:33
-	3	225384.ap.	USPAT; US-PGPUB	2003/08/13 10:47
-	239	101/350.3.ccls. or 101/352.06.ccls.	USPAT; US-PGPUB	2003/08/13 13:51
-	149	101/350.3.ccls. or 101/352.06.ccls.	USOCR	2003/08/13 14:33
-	27	(101/350.3.ccls. or 101/352.06.ccls.) and ratio	USPAT; US-PGPUB	2003/08/13 13:52
-	12	(101/350.3.ccls. or 101/352.06.ccls.) and ratio	USOCR	2003/08/13 14:03
-	2	5823109.URPN.	USPAT	2003/08/13 14:30
-	14	4397236.URPN.	USPAT	2003/12/18 14:14
-	5	("2242214" "3815498" "3983812" "4170176" "4295423").PN.	USPAT	2003/08/13 14:32
-	170	(101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and (oscillat\$3 or vibrat\$3)	USPAT	2003/08/14 11:18
-	2	5511474.URPN.	USPAT	2003/08/13 14:45
-	49	(101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and ({oscillat\$3 or vibrat\$3) with (speed or rate or frequency))	USPAT	2003/08/13 15:15
-	29	(101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and ({oscillat\$3 or vibrat\$3) with (speed or rate or frequency))	USOCR	2003/08/13 15:15
-	10	5062362.URPN.	USPAT	2003/08/13 15:25
-	0	5713284.URPN.	USPAT	2003/08/13 15:26

-	1	5632203.URPN.	USPAT	2003/08/13 15:26
-	7	("2300949" "2319615" "2703050" "3179047" "3983812" "4295423" "4777877").PN.	USPAT	2003/08/13 15:27
-	4	4869167.URPN.	USPAT	2003/08/13 16:30
-	7	4718344.URPN.	USPAT	2003/08/13 16:32
-	10	("4205605" "4332195" "4397236" "4513663" "4620481" "4914981" "5134939" "5158019" "5249523" "5701817").PN.	USPAT	2003/08/14 08:59
-	313	101/dig.38.ccls.	USPAT; US-PGPUB	2003/08/14 09:25
-	1027	101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.	USPAT	2003/08/14 11:19
-	163	((101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and (oscillat\$3 or vibrat\$3)) not (101/350.3.ccls. or 101/352.06.ccls.)	USPAT	2003/08/14 11:19
-	1013	(101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) not (101/350.3.ccls. or 101/352.06.ccls.)	USPAT	2003/08/14 11:19
-	850	((101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) not (101/350.3.ccls. or 101/352.06.ccls.)) not (((101/348.ccls. or 101/349.1.ccls. or 101/350.1.ccls.) and (oscillat\$3 or vibrat\$3)) not (101/350.3.ccls. or 101/352.06.ccls.))	USPAT	2003/08/14 13:07